



1644
PATENT APPLICATION
Attorney Docket No. 28110/35761A #2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

Applicant(s): Ford et al.

Serial No.: 10/091,085

Title: "Method and Materials Relating to
Novel CD39-Like Polypeptides"

Filed: March 5, 2002

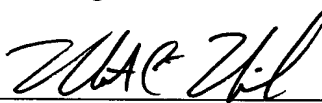
Group Art Unit: 1644

Examiner: To be determined.

JUN 27 2002
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) I hereby certify that this paper and the
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) Washington, D.C. 20231.

) 

) Matthew C. Nielsen

) Attorney for Applicants

) Registration No.: 51,106

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. § 1.97 and the continuing duty of disclosure under 37 C.F.R. § 1.56, the attached Form PTO-1449 is hereby submitted by Applicants for consideration in connection with the above-identified patent application. Pursuant to 37 C.F.R. § 1.98(d), copies of all documents cited herein are not enclosed because they were previously submitted to the Patent Office in a prior application (U.S. Application Serial No. 09/350,836, filed July 9, 1999, issued as U.S. Patent No. 6,387,645 (copy enclosed)), which is identified in the attached Form PTO-1449 and is relied on for an earlier effective filing date under 35 U.S.C. § 120. The information disclosure statement submitted in this earlier application complies with 37 C.F.R. § 1.98(a)-(c). Copies of any listed documents will be resubmitted at the Examiner's request.

Also enclosed are copies of the International Search Reports in two counterpart applications, International Application Number PCT/US99/16180, filed July 16, 1999 (Document C131), and International Application Number PCT/US00/21790, filed August 9, 2000 (Document C132).

Documents C16 (Chadwick), C17 (Chadwick), C61 (Maliszewski *et al.*) and C80 (Rowe *et al.*) relate to similar DNAs.


This Information Disclosure Statement is not intended to be an admission that other relevant art does not exist, or that any of the information disclosed herein constitutes prior art under 35 U.S.C. § 102 or § 103.

Because this Information Disclosure Statement is being submitted before the mailing of a first Office Action on the merits under 37 C.F.R. § 1.97(b)(3), no fees are thought to be due. However, should any fees be deemed due, please charge any such fees to Marshall, Gerstein & Borun's Deposit Account No. 13-2855.

Respectfully submitted,

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June 18, 2002

Form PTO-1449 (Modified)

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Patent and Trademark Office

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Serial No.

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U.S. PATENT DOCUMENTS

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*EXAMINER INITIALS		DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	4,683,195	07/28/87	Mullis <i>et al.</i>	435	6	
	A2	4,946,778	08/07/90	Ladner <i>et al.</i>	435	69.6	
	A3	4,965,188	10/23/90	Mullis <i>et al.</i>	435	6	
	A4	5,202,231	04/13/93	Drmanac <i>et al.</i>	435	6	
	A5	5,525,464	06/11/96	Drmanac <i>et al.</i>	435	6	
	A6	4,235,871	11/25/80	Papahadjopoulos <i>et al.</i>	424	19	
	A7	4,501,728	2/26/85	Geho <i>et al.</i>	424	38	
	A8	4,737/323	4/12/88	Martin <i>et al.</i>	264	4.3	
	A9	4,837,028	6/06/89	Allen	424	450	
	A10	4,959,314	09/25/90	Mark <i>et al.</i>	435	69.1	
	A11	09/240,639		Chadwick <i>et al.</i>			01/29/99
	A12	09/350,836, and 6,387,645	05/14/02	Ford <i>et al.</i>			07/09/99

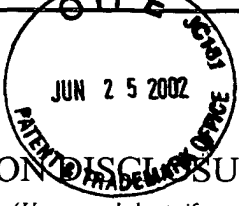
FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation Yes No	
	B1	WO 90/03382	04/05/90	WO				
	B2	WO 90/14148	11/29/90	WO				
	B3	WO 91/09955	07/11/91	WO				
	B4	WO 92/20808	11/26/92	WO				
	B5	WO 94/12650	06/09/94	WO				
	B6	WO 95/09248	04/06/95	WO				

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	B7	WO 96/30532	10/03/96	WO				JUN 27 2002
	B8	WO 96/32471	10/17/96	WO				
	B9	2148851	10/11/96	CA				TECH CENTER 1600/2900

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	C1	Adelman, J. P. <i>et al.</i> , "In Vitro Deletional Mutagenesis for Bacterial Production of the 20,000-Dalton Form of Human Pituitary Growth Hormone," <i>DNA</i> , 2(3):183-193 (1983).
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	C11	Broude, N.E. <i>et al.</i> , "Enhanced DNA Sequencing by Hybridization," <i>Proc. Natl. Acad. Sci., USA</i> , 91:3072-3076 (1994).
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Applicant Ford et al.		JUN 27 2002	
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C17	Chadwick B.P. <i>et al.</i> , "The CD39-like Gene Family: Identification of Three New Human Members (CD36L2, CD39L3, and CD39L4), Their Murine Homologues, and a Member of the Gene Family from <i>Drosophila melanogaster</i> ," <i>Genomics</i> , 50:357-367 (1998).
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C37	Fischer Y. <i>et al.</i> , "Purinergeric Inhibition of Glucose Transport in Cardiomyocytes," <i>J. Biol. Chem.</i> , 274:755-761 (1999).
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C42	Gouttefangeas, C. <i>et al.</i> , "The CD39 Molecule Defines Distinct Cytotoxic Subsets within Alloactivated Human CD8-Positive Cells," <i>Eur. J. Immunol.</i> , 22:2681-2685 (1992).
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C59	Lutz, Y. <i>et al.</i> , "The Distribution of Two hnRNP-Associated Proteins Defined by a Monoclonal Antibody Is Altered in Heat-Shocked HeLa Cells," <i>Exp. Cell Research.</i> , 175:109-124 (1988).
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C61	Maliszewski, C. R. <i>et al.</i> , "The CD39 Lymphoid Cell Activation Antigen," <i>J. Immunology</i> , 153:3574-3583 (1994).
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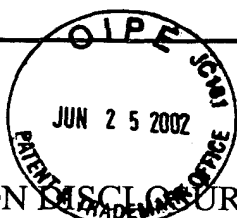
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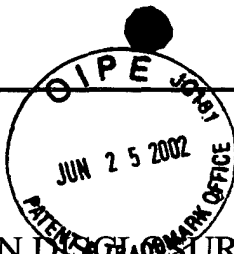
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